

Hiren Joshi

Software Architect/Lead Mobile Engineer/AI-ML Engineer

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Profile

Senior Software Architect & Engineering Leader with 15+ years of expertise in: Full-stack mobile architecture: Native iOS/Android & cross-platform (React Native, Flutter), AI/ML integration for intelligent mobile applications, Technical leadership of teams up to 30 engineers, End-to-end project delivery: 50+ successful applications, Security-first development & compliance standards Recognized for driving technical excellence, reducing time-to-market, and mentoring engineering talent.

Areas of Expertise

- Architecture & Design:** System Architecture, Microservices, API Design, Scalable Solutions
- Mobile Engineering:** iOS (Swift & SwiftUI & Objective-C), Android (Kotlin & Java), React Native, Flutter
- AI&ML Integration:** TensorFlow, PyTorch, Computer Vision, NLP, Predictive Analytics
- Leadership & Process:** Agile/Scrum, Team Mentoring, Technical Roadmapping, CI/CD
- Cloud & DevOps:** AWS/GCP/Azure, Docker, Kubernetes, Security, Performance Optimization
- Domain Expertise:** Healthcare, Gaming, E-commerce, FinTech, IoT Solutions, Banking

Professional Experience

FE Software Architect

Reliable Group Paragon LLP / AskMia Global Pvt. Ltd.

Jan 2025 to Present

India Office (Pune & Mumbai)

- Working as a contract FE Architect & Software Developer with Reliable Group Paragon LLP / AskMia Global Pvt. Ltd.
- Architected and developed cross-platform mobile solutions using React Native and Flutter for global clients
- Integrated AI/ML features, including recommendation engines and predictive analytics
- Established development standards and CI/CD pipelines, reducing deployment time by most of the time.
- Translated business requirements into technical specifications for cross-functional teams

Principal Mobile App Developer

Itcom Innovation Gaming Group

Jan 2023 To Jan 2025

Metro Manila, Philippines & Singapore

- Led 25+ engineers in developing gaming applications with 500K+ daily active users
- Implemented code standardization and automated analysis, reducing defects by most of the time
- Architected scalable solutions maintaining uptime across iOS/Android platforms
- Managed integration of 15+ third-party SDKs while ensuring platform compliance

Mobile Team Lead

My-Onsite Healthcare India Pvt. Ltd (Indralok Technology Pvt. Ltd)

March 2020 To Jan 2023

Vadodara, India

- Parent-Child Details: I was working as a mobile team lead at Indralok Technology Pvt. Ltd from March 2020 till February 2022.
- Implemented Agile Scrum, improving team velocity for a team of 15 to develop and deploy scalable mobile solutions in native iOS and Android, React Native and Flutter environments, which touched 100+ users.

- Implemented a new system, ensured full guidance to all team members, and improved product quality and reduced time to market.
- Developed robust API integration mechanisms for simple data exchange between mobile applications and back-end systems.
- Using an agile scrum methodology improved the speed of the development team and reduced technical costs.

Mobile Team Lead

Vetron It Services and Consultancy

May 2018 To March 2020

Surat, Gujarat, India

- Directed a team of 22-25 to develop and deploy enterprise mobile applications, driving customer satisfaction.
- Conducted workshops on increasing team skills, assigned more challenging tasks, and mentored junior members, increasing team cohesion and project delivery.
- Developed detailed documentation regarding project requirements, construction and planning.
- Collaborated with product owners and stakeholders to determine project scope and deliverables.

Senior iOS Developer

Rawalwasia Group

Jan 2017 To April 2018

Surat, Gujarat, India

- Developed and maintained native iOS applications to ensure high performance and user satisfaction.
- Swift, Objective-C, and SwiftUI were used to create an efficient and effective solution.
- APIs were integrated to communicate with back-end services and data platforms.
- Provided technical leadership on projects and mentored juniors.

Senior iOS Developer

Onus Info Tech,

September 2014 To Jan 2017

Surat, Gujarat, India

- Designed and enhanced user interfaces for mobile apps using design patterns to enhance user experience.
- Reviewed code and optimised application performance, resulting in greater user retention.
- Identify opportunities to improve processes through the use of automation tools and techniques.
- Developed user interface modules and worked with UI&UX designers.

Software Engineer

Devlon/Grip Info Tech,

Nov 2011 To Sep 2014

Bhavnagar, Vadodara, Gujarat, India

- Android and PHP applications were developed, complementing the company's technology portfolio.
- Assisted in product development, development, implementation, and testing activities.
- Worked with multidisciplinary teams to deliver high-quality solutions.
- Codes and recycling were developed while adhering to regulatory standards.

Technical Skills

- **Operating System:** Mac OS, Windows, Linux, Kali
- **Languages:** Swift, Kotlin, Java, Python, JavaScript, TypeScript, Dart, Go, C++, Node.js
- **Mobile:** iOS (SwiftUI, UIKit), Android (Jetpack Compose), React Native, Flutter
- **AI/ML:** TensorFlow, PyTorch, Core ML, Computer Vision, NLP, Scikit-learn
- **Cloud:** AWS, GCP, Azure, Firebase, Docker, Kubernetes
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite, Core Data

- **UI/UX Design Tools:** Figma, Adobe XD, Proto.IO, Notion, Sketch, Balsamiq, Bootstrap, Draw.io, CSS, HTML
- **Architecture:** MVC, MVVM, VIPER, Clean Architecture, Microservices
- **Tools:** Git, Jenkins, Fastlane, JIRA, Figma, Xcode, Android Studio
- **Works Domains:** Social Media - Communication Apps, Productivity - Utility Apps, Gaming - Entertainment Apps, E-Commerce - Shopping Apps, Health - Fitness Apps, Education - Learning Apps, Travel - Navigation Apps, and Real Estate - Property Management Apps
- **Others:** Library, Tools, and Extra Skills: Music, UI, and Unit Testing (testing methodologies), Atlassian (company providing project management tools), XMPP (messaging protocols), PJSIP, and SIP protocols (communication protocols), G-Pay (payment platform), machine learning (field of computer science), audio and videos (media formats), cross-platform SDK (software development kits), COCOA Pods, Swift Packages (dependency management tools), Core Data, and Swift Data (data storage solutions), WebRTC and Web Socket (communication protocols), Pay U, PayPal, Stripe, Apple Pay (payment platforms), In-App Purchase, CrashSDKs (crash reporting tools), Ethical Hacking (security certification), Data Analytics, Data Science, and Business Analytics (fields of study)

Soft Skills

- Team leadership, problem-solving, quick learner, project management using Agile, specialising in AI tools.
- Communicate clearly with cross-functional teams, manage time efficiently, and adapt swiftly to evolving tools.
- Optimistic, hard worker, adaptive in nature, good listener, team player, and willing to learn new things.

Achievements

- Delivered more than 50 mobile applications across healthcare, gaming, and e-commerce domains
- Led engineering teams up to 30 members, improving delivery speed by most of time
- Implemented AI/ML features, increasing user engagement by most of time in gaming applications
- Reduced defect rates through automated testing and code analysis
- Mentored 15+ junior developers to senior engineering roles

Education

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|---|---|
| • Master In Computer and Application,
Parul University of Engineering And Technology
Gujarat Technological University | July 2012 To July 2015
7.5 CG-PI |
| • Bachelor In Computer and Application,
Shree Swaminarayan Naimisharanya College Of Science
Maharaja Krishnakumarsinhji Bhavnagar University | August 2009 To May 2012
Aggregate Percentage 68% |

Online Courses & Certifications

- **Postgraduate Programme: Artificial Intelligence and Machine Learning, 2024 - 2025**
Caltech University in Collaboration with IBM Certified - Simplilearn
- **CompTIA EC-Council - C—CEH v13 - Certified Ethical Hacker, 2024 - 2025**
CompTIA EC-Council - Certified - Simplilearn
- Developing Solutions for Microsoft Azure
- Cloud Security: CCSP
- Google Cloud Platform Architect Training
- IBM Python for Data Science
- PGC AIML Foundations: Mathematics and Statistics Essentials
- CISM Certified Information Security Manager
- DevOps (Azure, AWS, GCP)

- Big Data on AWS
- Introduction to Cyber Security
- CompTIA Network+
- Azure-Fundamental
- Statistics Essential for Data Science

Languages

- **English** [Professional]
- **Gujarati** [Native]
- **Hindi** [Native]